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2741	AD	Lazar, et al., Molecular and Cellular Biology, pp. 1247-1252, Mar. 1988								
		Derwent Publ. Ltd.	Abstract 91	-284372, "N	Monoclonal Antibody to	Human Ir	nterleukin-4 D	etermin	ed by	
AE Adding Human IL-4 to Solidified Monoclonal Antibody, Binding Second Antibody and La Antibody and Determining Activity" (1991)						belled				
		Antibody and Dete	mining Acu	vity (1991)						
SOM	AF				onoclonal Antibody to a	nd Molec	ular Characte	rization	of B-	
		cell Stimulatory Fa	ctor-1," <u>Nat</u>	<u>ure, 315: 33</u>	33-336 (1985)					
LTD.	AG	Harlow, et al., "Ant	ibodies A La	aboratory M	anual." CSH Labs Res	s. 1988 n	n 2007 171	1-10	7 7	
231.	AG Harlow, et al., "Antibodies A Laboratory Manual," CSH Labs Ress. 1988 pp 2007 174 - 197.									
m	٨⊔				zation of a Human Inter					
to Mouse B-Cell Stimulatory Factor 1, the Expresses B-Cell-and T-Cell Stimulating Activities," Proc. Natl. Acad. Sci. USA, 83: 5894-5898 (1986)										
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55H	AJ /	E.M. Press and N.M. Hogg, "Amino Acid Sequences of the Fd Fragments of Two Human Y1 Heavy Chains," Biochem. J. , 117: 641-660 (1970)								
SH	AK _	J.H. Jansen, et al.,	"Interleukir	n 4, A Regul	atory Protein," <u>Blu</u>	<u>ıt, 60</u> : 269-274	(1990)			
227	AL /	Co, et al., <u>Nature</u> , <u>351</u> : 501-502 1991								
SIA	AM _	Queen, et al., PNAS USA 86 : 10029-10033, 1989								
5734	AN _	F.D. Finkelman, et Stimulatory Factor	al., "Suppre 1," <u>Proc. N</u>	ession of In	Sci. USA, 83:9675	-9678 (1986)	the Lymphol [Finkelman I]	kine B-C	ell	
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53H	AO_	Schuh, et al., <u>J. Im</u>	munol. Mtd	ds., <u>152</u>: 51	-57, 1992						
45H	AP _	Wagener, et al., M	Wagener, et al., Methods in Enzymology, 184: 518-529, 1990								
57H	AQ _	Kavaler, et al., <u>J. o</u>	f Immunol	ogy Vol. 14	5: 0ct. 1, 1990, pp. 2	2312-2321					
5524	AR _		Vercelli D, et al., (1989) "Interleukin 4 Dependent Induction of IgE Synthesis and CD23 Expression by the Supernatants of a Human Helper T Cell Clone," Int Arch Allergy Appl Immunol 88:, 119-121								
65H	AS	Scott M, et al., (1990) "Production, Characterization and Use of Five Monoclonal Antibodies to Human IL-4," Lymphokine Research 9: 81-93									
5501	AT ~	, ,			ekin4 and Gamma Ir pic Patients, " <u>Int Ar</u> e						
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55H	AU				ess Inc., 1980, pp. 1						
S579	AV	Goshorn, et al., <u>J. of Biological Chem., Vol. 266</u> :, Feb. 5, 1991, pp. 2134-2142									
55H	AW	L. Ramanathan, et al., "Immunochemical Mapping of Domains in Human Interleukin 4 Recognized by Neutralizing Monoclonal Antibodies," <u>Biochem., 32</u> : 3549-3556 (1993)									
SH	AX	F.D. Finkelman, et al., "IL-4 is Required to Generate and Sustain In Vivo IgE Responses," <u>J. Immunol.</u> , 141:2335-2341 (1988) [Finkelman II]									
5H	AY	S. Sharma, et al., "Molecular Cloning and Expression of a Human B-Cell Growth Factor Gene in Escherichia Coli," Science , 235 : 1489-1492 (1987) 1371 (1989) [Kuwano V]									
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